



wallach27A(INL2).ST25.txt
SEQUENCE LISTING

<110> WALLACH, David
KOVALENKO, Andrei

<120> MODULATORS OF THE FUNCTION OF RECEPTORS OF THE TNF/NGF RECEPTOR
FAMILY AND OTHER PROTEINS

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<140> 10/761,370

<141> 2004-01-22

<150> IL 123758

<151> 1998-03-19

<150> PCT/IL99/00158

<151> 1999-03-18

<150> IL 126024

<151> 1998-09-01

<150> US 09/646,403

<151> 2001-02-21

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<170> PatentIn version 3.3

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Wallach27A(INL2).ST25.txt

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wallach27A(INL2).ST25.txt

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 Ile Arg Gln Ser Asn Gln Ile Leu Arg Glu Arg Cys Glu Glu Leu Leu
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 His Phe Gln Ala Ser Gln Arg Glu Glu Lys Glu Phe Leu Met Cys Lys
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 Phe Gln Glu Ala Arg Lys Leu Val Glu Arg Leu Gly Leu Glu Lys Leu
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 Asp Leu Lys Arg Gln Lys Glu Gln Ala Leu Arg Glu Val Glu His Leu
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 145 150 155 160
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 Ala Ser Glu Gln Ala Arg Gln Leu Glu Ser Glu Arg Glu Ala Leu Gln
 180 185 190
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 195 200 205
 Val Glu Ala Ala Leu Arg Met Glu Arg Gln Ala Ala Ser Glu Glu Lys
 210 215 220
 Arg Lys Leu Ala Gln Leu Gln Val Ala Tyr His Gln Leu Phe Gln Glu
 225 230 235 240
 Tyr Asp Asn His Ile Lys Ser Ser Val Val Gly Ser Glu Arg Lys Arg
 245 250 255
 Gly Met Gln Leu Glu Asp Leu Lys Gln Gln Leu Gln Gln Ala Glu Glu
 260 265 270
 Ala Leu Val Ala Lys Gln Glu Val Ile Asp Lys Leu Lys Glu Glu Ala
 Page 5

275 wallach27A(INL2).ST25.txt
280 285

Glu Gln His Lys Ile Val Met Glu Thr Val Pro Val Leu Lys Ala Gln
290 295 300

Ala Asp Ile Tyr Lys Ala Asp Phe Gln Ala Glu Arg Gln Ala Arg Glu
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Lys Leu Ala Glu Lys Lys Glu Leu Leu Gln Glu Gln Leu Glu Gln Leu
325 330 335

Gln Arg Glu Tyr Ser Lys Leu Lys Ala Ser Cys Gln Glu Ser Ala Arg
340 345 350

Ile Glu Asp Met Arg Lys Arg His Val Glu Val Ser Gln Ala Pro Leu
355 360 365

Pro Pro Ala Pro Ala Tyr Leu Ser Ser Pro Leu Ala Leu Pro Ser Gln
370 375 380

Arg Arg Ser Pro Pro Glu Glu Pro Pro Asp Phe Cys Cys Pro Lys Cys
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Gln Tyr Gln Ala Pro Asp Met Asp Thr Leu Gln Ile His Val Met Glu
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Cys Ile Glu

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<212> PRT
<213> Mouse

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Leu Gly Lys Pro Ala Met Leu His Leu Pro Ser Glu Gln Gly Thr Pro
35 40 45

Glu Thr Leu Gln Arg Cys Leu Glu Glu Met Gln Glu Leu Arg Asp Ala
50 55 60

Ile Arg Gln Ser Asn Gln Met Leu Arg Glu Arg Cys Glu Glu Leu Leu
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His Phe Gln Val Ser Gln Arg Trp Lys Glu Phe Leu Met Cys Lys Phe
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wallach27A(INL2).ST25.txt

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Lys Leu Asp Leu Arg Ser Gln Arg Glu Gln Ala Leu Lys Glu Leu Glu
115 120 125

Gln Leu Lys Lys Cys Gln Gln Gln Met Ala Glu Asp Lys Ala Ser Val
130 135 140

Lys Ala Gln Val Thr Ser Leu Leu Gly Glu Leu Gln Glu Ser Gln Ser
145 150 155 160

Arg Leu Glu Ala Ala Thr Lys Asp Arg Gln Ala Leu Glu Gly Arg Ile
165 170 175

Arg Ala Val Ser Glu Gln Val Arg Gln Leu Glu Ser Glu Arg Glu Val
180 185 190

Leu Gln Gln Gln His Ser Val Gln Val Asp Gln Leu Arg Met Gln Asn
195 200 205

Gln Ser Val Glu Ala Ala Leu Arg Met Glu Arg Gln Ala Ala Ser Glu
210 215 220

Glu Lys Arg Lys Leu Ala Gln Leu Gln Ala Ala Tyr His Gln Leu Phe
225 230 235 240

Gln Asp Tyr Asp Ser His Ile Lys Ser Ser Lys Gly Met Gln Leu Glu
245 250 255

Asp Leu Arg Gln Gln Leu Gln Gln Ala Glu Glu Ala Leu Val Ala Lys
260 265 270

Gln Glu Leu Ile Asp Lys Leu Lys Glu Glu Ala Glu Gln His Lys Ile
275 280 285

Val Met Glu Thr Val Glu Val Leu Lys Ala Gln Ala Asp Ile Tyr Lys
290 295 300

Ala Asp Phe Gln Ala Glu Arg His Ala Arg Glu Lys Leu Val Glu Lys
305 310 315 320

Lys Glu Tyr Leu Gln Glu Gln Leu Glu Gln Leu Gln Arg Glu Phe Asn
325 330 335

Lys Leu Lys Val Gly Cys His Glu Ser Ala Arg Ile Glu Asp Met Arg
340 345 350

Lys Arg His Val Glu Thr Gln Pro Pro Leu Leu Pro Ala Pro Ala His
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wallach27A(INL2).ST25.txt

His Ser Phe His Leu Ala Leu Ser Asn Gln Arg Arg Ser Pro Pro Glu
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Glu Pro Pro Asp Phe Cys Cys Pro Lys Cys Gln Tyr Gln Ala Pro Asp
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Met Asp Thr Leu Gln Ile His Val Met Glu Cys Ile
405 410

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Ala Arg Lys Leu Val Glu Arg Leu Ser Leu Glu Lys Leu Asp Leu Arg
35 40 45

Ser Gln Arg Glu Gln Ala Leu Lys Glu Leu Glu Gln Leu Lys Lys Cys
50 55 60

Gln Gln Gln Met Ala Glu Asp Lys Ala Ser Val Lys Ala Gln Val Thr
65 70 75 80

Ser Leu Leu Gly Glu Leu Gln Glu Ser Gln Ser Arg Leu Glu Ala Ala
85 90 95

Thr Lys Asp Arg Gln Ala Leu Glu Gly Arg Ile Arg Ala Val Ser Glu
100 105 110

Gln Val Arg Gln Leu Glu Ser Glu Arg Glu Val Leu Gln Gln Gln His
115 120 125

Ser Val Gln Val Asp Gln Leu Arg Met Arg Thr Arg Ala Trp Arg Leu
130 135 140

Pro Cys Glu Trp Ser Gly Arg Leu Leu Gln Arg Arg Ser Gly Thr Gly
145 150 155 160

Leu Gln Leu Gln Ala Ala Tyr His Gln Leu Phe Gln Asp Tyr Asp Ser
165 170 175

His Ile Lys Ser Ser Lys Gly Met Gln Leu Glu Asp Leu Arg Gln Gln
180 185 190

wallach27A(INL2).ST25.txt

Leu Gln Gln Ala Glu Glu Ala Leu Val Ala Lys Gln Glu Leu Ile Asp
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Lys Leu Lys Glu Glu Ala Glu Gln His Lys Ile Cys Asp Glu Thr Val
210 215 220

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20 25 30

Leu Gly Glu Asp Lys Ala Ser Val Lys Ala Gln Val Thr Ser Leu Leu
35 40 45

Gly Glu Leu Gln Glu Ser Gln Ser Arg Trp Glu Cys Cys Pro Leu Thr
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Ala Arg Pro Met Cys Ile
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Asp Thr Phe Thr Pro Glu Glu Leu Leu Gln Gln Met Lys Glu Leu Leu
35 40 45

Thr Glu Asn His Gln Leu Lys Glu Ala Met Lys Leu Asn Asn Gln Ala
50 55 60

Met Lys Gly Arg Phe Glu Glu Leu Ser Ala Trp Thr Glu Lys Gln Lys
65 70 75 80

wallach27A(INL2).ST25.txt

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 100 105 110
 Lys Leu Lys Gly Lys Ser Glu Arg Ser Ser Glu Asp Pro Thr Asp Asp
 115 120 125
 Ser Arg Leu Pro Arg Ala Glu Ala Glu Gln Glu Lys Asp Gln Leu Arg
 130 135 140
 Thr Gln Val Val Arg Leu Gln Ala Glu Lys Ala Asp Leu Leu Gly Ile
 145 150 155 160
 Val Ser Glu Leu Gln Leu Lys Leu Asn Ser Ser Gly Ser Ser Glu Asp
 165 170 175
 Ser Phe Val Glu Ile Arg Met Ala Glu Gly Glu Ala Glu Gly Ser Val
 180 185 190
 Lys Glu Ile Lys His Ser Pro Gly Ser Thr Arg Thr Val Ser Thr Gly
 195 200 205
 Thr Ala Leu Ser His Tyr Arg Arg Arg Ser Ala Asp Gly Ala Lys Asn
 210 215 220
 Tyr Phe Glu His Glu Glu Leu Thr Val Ser Gln Leu Leu Leu Cys Leu
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 Arg Glu Gly Asn Gln Lys Val Glu Arg Leu Glu Val Ala Leu Lys Glu
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 Glu Lys Gly Pro Glu Thr Val Gly Ser Glu Val Glu Ala Leu Asn Leu
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 Ser Glu Ala Glu Leu Met Lys Lys Arg Leu Gln Glu Lys Cys Gln Ala
 325 330 335
 Leu Glu Arg Lys Asn Ser Ala Ile Pro Ser Glu Leu Asn Glu Lys Gln
 340 345 350

wallach27A(INL2).ST25.txt

Glu Leu Val Tyr Pro Asn Lys Lys Leu Glu Leu Gln Val Glu Ser Met
355 360 365

Leu Ser Glu Ile Lys Met Glu Gln Ala Lys Thr Glu Asp Glu Lys Ser
370 375 380

Lys Leu Thr Val Leu Gln Met Thr His Asn Lys Leu Leu Gln Glu His
385 390 395 400

Asn Asn Ala Leu Lys Thr Ile Glu Glu Leu Thr Arg Lys Glu Ser Glu
405 410 415

Lys Val Asp Arg Ala Val Leu Lys Glu Leu Ser Glu Lys Leu Glu Leu
420 425 430

Ala Glu Lys Ala Leu Ala Ser Lys Gln Leu Gln Met Asp Glu Met Lys
435 440 445

Gln Thr Ile Ala Lys Gln Glu Glu Asp Leu Glu Thr Met Thr Ile Leu
450 455 460

Arg Ala Gln Met Glu Val Tyr Cys Ser Asp Phe His Ala Glu Arg Ala
465 470 475 480

Ala Arg Glu Lys Ile His Glu Glu Lys Glu Gln Leu Ala Leu Gln Leu
485 490 495

Ala Val Leu Leu Lys Glu Asn Asp Ala Phe Glu Asp Gly Gly Arg Gln
500 505 510

Ser Leu Met Glu Met Gln Ser Arg His Gly Ala Arg Thr Ser Asp Ser
515 520 525

Asp Gln Gln Ala Tyr Leu Val Gln Arg Gly Ala Glu Asp Arg Asp Trp
530 535 540

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Val Leu Pro Asp Ile Asp Thr Leu Gln Ile His Val Met Asp Cys Ile
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<222> (4)..(4)

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Asp Glu Val Asp

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